

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/025375

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q7/38 H04L1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	YOUNG-JOO SONG ET AL: "Rate-control snoop : a reliable transport protocol for heterogeneous networks with wired and wireless links" IEEE PROCEEDINGS 2003, vol. 2, 16 March 2003 (2003-03-16), pages 1334-1338, XP010639961 the whole document	1-63
A	US 2002/150077 A1 (TEMERINAC MIODRAG) 17 October 2002 (2002-10-17) abstract paragraph '0024! - paragraph '0025! ----- -/--	1-63

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

14 December 2004

Date of mailing of the international search report

22/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Hultsch, W

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>NANDAGOPAL T ET AL: "Service differentiation through end-to-end rate control in low bandwidth wireless packet networks"</p> <p>MOBILE MULTIMEDIA COMMUNICATIONS, 1999. (MOMUC '99). 1999 IEEE INTERNATIONAL WORKSHOP ON SAN DIEGO, CA, USA 15-17 NOV. 1999, PISCATAWAY, NJ, USA, IEEE, US, 15 November 1999 (1999-11-15), pages 211-220, XP010370726</p> <p>ISBN: 0-7803-5904-6</p> <p>the whole document</p> <p>-----</p>	1-63
A	<p>US 6 425 105 B1 (PIIRAINEN OLLI ET AL)</p> <p>23 July 2002 (2002-07-23)</p> <p>column 1, line 8 - column 5, line 28;</p> <p>figure 2</p> <p>-----</p>	1-63

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Information on patent family members

International Application No
PCT/US2004/025375

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2002150077	A1	17-10-2002	EP	1176778 A1		30-01-2002
			JP	2002111778 A		12-04-2002
<hr/>						
US 6425105	B1	23-07-2002	WO	0013364 A1		09-03-2000
			AU	9265298 A		21-03-2000
			EP	1025666 A1		09-08-2000
			JP	2002524918 T		06-08-2002
			NO	20002095 A		25-04-2000
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